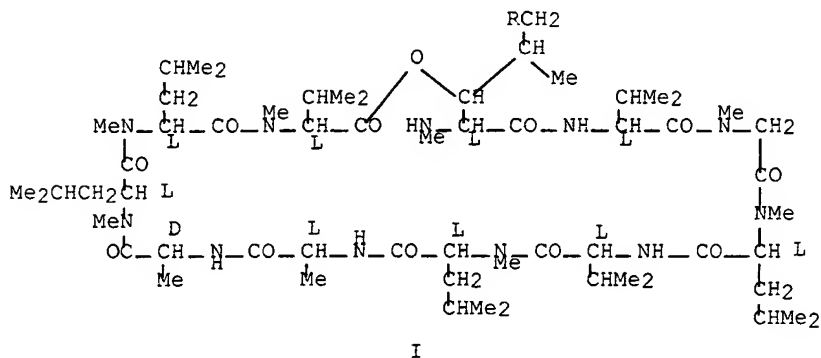


L35 ANSWER 253 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1982:563516 HCAPLUS Full-text
 DOCUMENT NUMBER: 97:163516
 TITLE: Dihydroisocyclosporin D derivatives
 INVENTOR(S): Traber, Rene P.; Kuhn, Max
 PATENT ASSIGNEE(S): Sandoz A.-G., Switz.
 SOURCE: Patentschrift (Switz.), 6 pp.
 CODEN: SWXXAS
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 630061	A	19820528	CH 1977-5824	19770510
CH 634293	A	19830131	CH 1981-5860	19810910
PRIORITY APPLN. INFO.:			CH 1977-5824	A 19770510

GI



AB Dihydroisocyclosporin D (I, R = Pr) (II), useful as an immunosuppressant and an antiarthritic, was prepared by hydrogenating isocyclosporin D (I, R = MeCH:CH) (III). Thus, cyclosporin D (IV) underwent rearrangement in dioxane containing MeSO₃H to give III, which was hydrogenated over Pd to give II. IV was prepared by fermentation. The immunosuppressive activity of II was determined in mice; II exhibited antiarthritic activity in rats at 50 mg/kg/day.

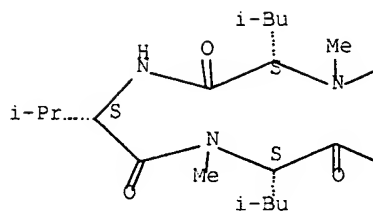
IT 63775-96-2P

RL: RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (formation and rearrangement of)

RN 63775-96-2 HCAPLUS
CN Cyclosporin D (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

